

PRELIMINARY REPORT
INDUSTRY SERIES1982
Census of
Construction IndustriesCC82-I-5(P)
Issued October 1983GENERAL CONTRACTORS--NONRESIDENTIAL BUILDINGS,
OTHER THAN INDUSTRIAL BUILDINGS AND WAREHOUSES
(Industry 1542)

During 1982, the establishments with paid employees classified in this industry accounted for \$50.7 billion in total business receipts. Of this amount, \$50.1 billion were receipts for construction work. These establishments paid out \$9.4 billion for materials, components, supplies, and fuels and \$27.9 billion for construction work subcontracted to others. This industry had total average employment of 363,261 employees with total payroll of \$7.1 billion. Value added for 1982 was \$13.4 billion.

Establishments classified in this industry are engaged primarily in the construction of commercial, institutional, religious, and amusement and recreational buildings (including new work, additions, alterations, remodeling, and repair). For specific examples, refer to the 1972 Standard Industrial Classification (SIC) Manual, and its 1977 supplement, published by the Office of Management and Budget, Executive Office of the President.

For this census, a "construction establishment" was defined as a relatively permanent office or other place of business at which or from which the usual business activities related to construction were conducted. A separate census report was required from each establishment but not from each construction site. Instead, the data for work at each site were included in the report from the appropriate office or branch office. Foreign construction activities were not included in this census.

The 1982 estimates for establishments with paid employees in all of the construction industries are based on reports from a probability sample of approximately 172,000 establishments selected from a universe of about 498,000 construction establishments with payroll. The data obtained from the sample were weighted to represent all construction establishments with payroll. Complete descriptions of the sampling and estimating procedures will be included in the final reports.

Since the data in this report are based on a sample, they are subject to sampling variability and may be expected to differ from results which would have been obtained if a complete census had been taken using the same questionnaires and procedures. The relative standard error shown in the tables is a measure of sampling variability, i.e., the variation that might occur by chance because only a sample of the population was surveyed.

All data shown are based on current dollars for the years specified and have not been adjusted for inflation.

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Table 1. General Statistics for Establishments With Payroll by States: 1982 and 1977

(Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4)

Location of establishment	1982							
	Number of establishments	Employees**		Payroll		Construction worker hours (thousands)	Total construction receipts	Net construction receipts†
		All	Construction workers	All employees	Construction workers			
A	B	C	D	E	F	G	H	
United States.....	20 184	363 261	282 118	7 114 674	5 007 008	494 468	50 087 008	22 229 928
Alabama.....	280	7 149	5 599	123 117	83 468	9 882	894 218	432 398
Alaska.....	108	1 967	1 583	57 261	45 474	2 689	346 607	162 552
Arizona.....	315	4 494	3 363	86 004	57 678	5 691	803 190	324 450
Arkansas.....	162	2 667	2 259	38 317	30 553	3 875	329 817	179 907
California.....	2 221	32 153	23 593	775 260	515 190	48 115	5 896 418	2 366 968
Colorado.....	412	10 001	7 650	211 962	159 235	13 623	1 692 681	744 681
Connecticut.....	257	4 808	3 832	100 798	77 308	7 022	627 135	270 167
Delaware.....	58	762	590	11 697	8 145	1 027	68 998	32 174
District of Columbia.....	30	1 939	1 612	39 015	26 802	*2 796	247 914	88 676
Florida.....	1 079	18 717	14 924	299 009	205 446	25 304	2 139 400	969 278
Georgia.....	464	11 228	8 756	172 157	116 006	15 007	1 340 365	583 515
Hawaii.....	114	1 890	1 398	47 228	32 269	2 377	307 911	142 733
Idaho.....	123	1 256	956	22 998	16 467	1 497	209 166	102 915
Illinois.....	794	14 687	11 535	346 764	255 461	19 868	2 124 394	976 056
Indiana.....	496	6 751	5 075	125 341	87 984	8 534	714 304	363 982
Iowa.....	411	4 738	3 707	90 434	63 518	6 541	499 568	294 113
Kansas.....	253	4 441	3 665	79 217	59 132	6 814	497 207	257 949
Kentucky.....	287	3 814	3 008	60 156	42 844	4 959	390 198	190 409
Louisiana.....	386	7 839	6 399	140 366	101 242	10 939	982 934	437 864
Maine.....	91	1 118	930	15 365	10 876	1 688	101 683	54 059
Maryland.....	377	9 052	6 569	180 229	115 391	11 409	1 424 764	534 156
Massachusetts.....	457	8 455	6 178	182 121	127 535	10 800	1 428 011	574 275
Michigan.....	614	6 678	4 987	144 122	98 442	8 372	962 710	426 226
Minnesota.....	376	7 361	5 856	177 219	132 219	10 548	1 059 224	534 507
Mississippi.....	178	2 607	2 149	31 939	22 928	3 542	197 665	109 619
Missouri.....	449	10 917	8 484	187 303	126 408	14 466	1 154 886	500 222
Montana.....	115	1 458	1 161	22 726	16 799	1 850	143 525	80 652
Nebraska.....	248	3 789	2 975	58 438	42 431	5 055	326 505	203 503
Nevada.....	129	1 313	1 009	31 751	22 123	1 545	291 088	119 154
New Hampshire.....	96	1 767	1 433	28 983	20 438	2 465	179 909	86 923
New Jersey.....	501	8 757	6 742	157 049	109 385	11 556	1 063 292	430 676
New Mexico.....	217	4 240	3 312	77 248	59 183	5 715	336 093	167 733
New York.....	1 202	19 755	14 322	428 742	284 545	24 911	3 015 411	1 267 578
North Carolina.....	381	7 522	6 037	105 949	71 627	10 755	790 000	407 296
North Dakota.....	115	1 509	1 270	27 359	21 466	2 241	160 768	92 216
Ohio.....	885	13 082	9 855	264 513	187 329	17 035	1 536 238	771 915
Oklahoma.....	354	7 161	5 908	128 191	96 278	10 247	883 600	444 734
Oregon.....	306	3 242	2 403	79 027	53 661	3 774	599 489	202 283
Pennsylvania.....	742	13 182	10 171	260 256	184 345	17 941	1 779 179	772 853
Rhode Island.....	54	1 784	967	42 428	18 987	1 737	500 398	104 164
South Carolina.....	203	4 026	3 284	57 383	39 371	5 943	356 587	185 766
South Dakota.....	137	1 133	951	16 513	12 672	1 591	106 245	73 092
Tennessee.....	326	8 305	6 675	141 552	100 694	11 903	1 244 647	472 552
Texas.....	1 579	43 837	35 870	831 930	608 829	61 412	6 683 977	2 851 328
Utah.....	154	2 308	1 862	40 855	29 179	3 300	388 780	184 388
Vermont.....	48	464	353	5 876	3 915	644	32 964	20 699
Virginia.....	408	7 267	5 815	123 941	86 981	10 232	886 797	438 102
Washington.....	547	9 550	7 239	233 158	174 054	11 964	1 363 911	650 364
West Virginia.....	135	1 627	1 315	28 001	21 565	2 185	134 773	85 496
Wisconsin.....	426	7 518	5 597	157 791	107 027	9 559	703 156	388 921
Wyoming.....	73	1 163	924	19 604	16 088	1 495	138 294	73 679

1982--Con.						1977			Relative standard error of estimate (percent) for column--			Location of establishment
Value added††	Payments for materials, components, supplies, and fuels	Payments for construction work sub-contracted to others	Rental payments for machinery, equipment, and structures	Capital expenditures, other than land	End-of-year gross book value of depreciable assets	All employees--	Total construction receipts	Value added††				
I	J	K	L	M	N	O	P	Q	D	H	M	
13 421 726	9 381 486	27 857 079	378 807	458 619	4 751 130	311 588	27 137 768	7 112 256	(W)	(W)	(W)	U.S.
253 249	192 146	461 820	4 004	5 241	85 973	7 644	591 198	133 264	2	1	2	Ala.
105 691	78 582	184 055	3 634	3 731	41 240	815	121 088	46 858	4	3	3	Alaska
229 912	108 905	478 740	4 797	22 290	111 399	3 972	455 765	135 354	2	2	(W)	Ariz.
100 173	80 847	149 910	2 125	2 918	39 912	3 244	246 883	51 267	5	3	3	Ark.
1 595 936	812 341	3 529 450	51 976	46 529	454 178	22 486	2 907 553	672 968	1	(W)	1	Calif.
427 291	321 057	948 000	15 804	9 407	83 838	6 596	672 742	199 598	1	1	1	Colo.
173 595	97 665	356 967	6 854	5 226	64 501	3 203	281 696	51 632	2	2	5	Conn.
20 951	12 016	36 824	355	810	10 638	776	51 468	15 344	12	11	2	Del.
63 671	(D)	159 238	2 674	409	11 393	1 529	181 614	45 473	1	1	(W)	D.C.
551 937	439 598	1 170 122	16 470	14 998	170 517	10 827	817 757	184 105	1	1	2	Fla.
313 230	291 126	756 850	8 669	6 371	81 935	8 665	608 730	150 160	1	1	3	Ga.
94 013	53 208	165 178	3 802	5 034	39 990	2 915	286 729	94 880	3	1	(W)	Hawaii
74 382	(D)	106 251	1 171	(D)	100 376	1 286	106 262	29 786	8	5	(X)	Idaho
681 281	319 511	1 148 337	15 812	31 524	229 190	14 576	1 390 344	374 814	1	1	1	Ill.
225 245	163 247	350 322	4 701	6 932	95 012	8 053	623 461	173 501	2	2	5	Ind.
147 853	157 310	205 455	2 593	4 879	74 560	5 607	356 884	111 338	3	3	5	Iowa
124 841	135 015	239 258	3 698	4 695	52 401	4 576	366 680	100 939	3	2	8	Kans.
120 103	84 373	199 789	2 466	2 305	42 812	4 510	345 886	87 995	4	4	7	Ky.
230 638	209 584	545 070	8 289	9 791	103 834	8 421	535 776	149 036	2	2	2	La.
25 599	30 284	47 624	878	1 584	16 081	1 179	71 327	21 521	7	8	4	Maine
350 642	192 916	890 607	8 374	9 268	80 394	8 144	887 028	241 939	2	1	3	Md.
347 316	230 551	853 736	12 363	(S)	(S)	6 056	539 063	139 899	2	2	(X)	Mass.
250 867	184 411	536 484	4 610	6 993	88 072	7 576	787 473	189 491	2	2	2	Mich.
379 425	(D)	524 717	10 328	7 475	129 623	7 811	649 586	125 679	1	1	1	Minn.
57 891	55 548	88 046	1 773	2 754	31 396	3 338	177 702	55 998	6	4	3	Miss.
305 170	203 804	654 663	4 309	6 953	140 395	7 274	709 434	205 308	1	1	4	Mo.
44 490	39 091	62 873	1 401	(D)	23 457	1 499	115 620	35 371	7	6	(X)	Mont.
105 690	109 129	123 002	2 815	5 578	52 767	3 525	244 936	81 099	5	5	18	Nebr.
74 666	47 168	171 933	2 449	3 369	21 406	915	104 054	27 169	5	2	3	Nev.
47 863	42 264	92 986	1 585	1 220	19 752	1 850	118 427	33 685	5	5	4	N.H.
277 233	164 618	632 616	9 259	10 771	101 060	6 419	509 474	145 316	2	2	2	N.J.
117 352	(D)	168 360	2 026	7 950	103 556	3 104	176 229	58 706	3	3	2	N. Mex.
821 404	461 123	1 747 832	17 325	17 768	254 205	16 280	1 732 481	465 315	1	1	2	N.Y.
213 421	199 285	382 704	4 878	7 187	77 710	9 582	552 211	167 751	2	1	3	N.C.
42 485	51 034	68 552	932	1 232	18 444	1 657	102 638	30 894	5	4	9	N. Dak.
471 957	314 727	764 323	9 962	13 709	191 942	13 618	1 337 424	314 436	1	1	2	Ohio
256 104	194 829	438 866	5 991	6 717	70 780	4 269	368 559	102 679	2	1	4	Okla.
115 324	88 966	397 205	5 849	3 174	40 408	3 287	299 791	84 892	3	3	1	Oreg.
525 757	273 360	1 006 325	8 508	16 388	166 226	14 585	1 211 101	317 257	1	1	2	Pa.
(D)	87 552	396 234	5 900	1 687	13 908	1 123	106 883	33 963	3	4	4	R.I.
124 374	(D)	170 820	2 794	3 589	38 252	4 230	275 844	71 701	4	3	10	S.C.
30 234	45 036	33 152	644	1 216	16 291	1 432	90 782	27 770	9	9	4	S. Dak.
237 755	250 770	772 095	9 587	7 374	79 642	7 575	600 473	132 977	2	1	2	Tenn.
1 556 192	1 340 734	3 832 649	55 355	39 089	528 161	26 617	2 212 477	527 150	(W)	(W)	1	Tex.
112 916	76 149	204 392	2 045	2 581	33 729	2 365	232 429	48 527	3	2	7	Utah
11 838	(D)	12 265	525	396	2 135	495	28 490	9 547	15	16	33	Vt.
(D)	(D)	448 695	6 823	5 914	62 110	8 229	577 267	152 135	2	2	4	Va.
363 424	293 591	713 547	12 908	9 689	114 064	7 389	656 927	205 515	1	1	2	Wash.
58 257	31 433	49 277	1 482	1 046	19 495	1 650	71 814	26 010	5	4	18	W. Va.
236 238	172 519	314 235	3 902	6 915	94 309	7 720	559 578	195 292	1	1	2	Wis.
52 044	22 907	64 615	1 313	1 561	10 896	1 097	81 739	28 962	5	3	5	Wyo.

Table 2. Construction Receipts for Establishments With Payroll by Type of Construction: 1982 and 1977

(Thousand dollars. Detail may not add to total due to rounding. For meaning of abbreviations and symbols, see page 4)

Item	1982	1977	Relative standard error of estimate (percent)	
			1982	1977
Total construction receipts.....	50 087 008	27 137 768	(W)	(W)
Building construction.....	45 903 346	25 212 656	(W)	(W)
Single-family houses.....	862 581	505 488	1	2
Apartment buildings with two or more apartments.....	1 128 356	529 775	1	1
Other residential buildings.....	1 309 400	438 894	(W)	1
Farm buildings.....	977 273	853 439	2	2
Industrial buildings and warehouses.....	4 205 691	2 769 902	(W)	(W)
Office and bank buildings.....	17 325 377	5 325 617	(W)	(W)
Stores, restaurants, public garages, and auto- mobile service stations.....	6 774 762	4 065 583	1	1
Religious buildings.....	930 728	866 318	2	2
Educational buildings.....	4 030 642	4 154 952	1	(W)
Hospitals and institutional buildings.....	6 411 159	4 386 205	(W)	(W)
Amusement, social, and recreational buildings..	1 011 968	692 407	1	1
Other nonresidential buildings.....	935 409	624 078	2	2
Nonbuilding construction.....	1 335 764	1 248 045	1	(W)
Construction work, n.s.k.....	2 847 898	677 221	1	1

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The following abbreviations and symbols are used in the tables in this publication:

- * Sampling error exceeds 40 percent.
- ** All employees (average) is the sum of construction workers during pay period including 12th of March, May, August, and November divided by 4, added to all others, March 12th.
- Represents zero.
- † Represents total construction receipts less payments for construction work subcontracted to others.
- ‡ Represents all business receipts less payments for construction work subcontracted to others, and payments for material, components, supplies, and fuels. In SIC's 1531 and 6552, land receipts are also subtracted from "all business receipts."
- (D) Withheld to avoid disclosing data for individual companies; data are included in higher level totals.
- (NA) Not available.
- (S) Withheld because estimate did not meet publication standards on the basis of either the response rate, associated standard error, or a consistency review.
- (W) Greater than zero but less than 1 percent.
- (X) Not applicable.
- n.s.k. Not specified by kind.

